



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 81 98 61

Classification of the application (IPC):
B23Q 11/00, B23Q 11/10, B23Q 17/00, B23Q 11/08

Technical fields searched (IPC):
B23Q, B08B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	JP 2017091242 A (FANUC LTD) 25 May 2017 (2017-05-25) * paragraph [0023] - paragraph [0024] * * paragraph [0029] * * paragraph [0035] - paragraph [0039] *	1, 2, 4-7
X	US 11014017 B2 (HAAS AUTOMATION INC [US]) 25 May 2021 (2021-05-25) * column 2 - column 4; figures 1-6 *	1-7

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 22 August 2024	Examiner Antolí Jover, Jordi
------------------------------	--	---------------------------------

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 81 98 61

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 22-08-2024.
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2017091242 A	25-05-2017	CN 106681285 A	17-05-2017
		DE 102016121038 A1	11-05-2017
		JP 6325508 B2	16-05-2018
		JP 2017091242 A	25-05-2017
		US 2017129065 A1	11-05-2017
US 11014017 B2	25-05-2021	US 2020070063 A1	05-03-2020
		US 2021346821 A1	11-11-2021